

Technical Information

It is important to be aware of the abrasion resistance of tiles to ensure you select the most appropriate tile for its intended use. The following is a guide to the Classification of Ceramic Floor tiles as to Abrasion Resistance.

<u>PEI</u>	<u>CYCLES</u>	<u>APPLICATION</u>
PEI 0	100	Unsuitable for floor covering
PEI 1	150	Floors on which people will walk barefoot or in soft soled shoes. Not exposed to abrasive dust (bathrooms or bedrooms without access from outdoor areas).
PEI 2	600	Floors on which people will walk with ordinary shoes (most rooms in a house).
PEI 3	1500	Areas where people walk in shoes which could bear a small amount of abrasive dust (kitchens, porches and passages).
PEI 4	up to 12,000	Surfaces over which people walk with more severe abrasive conditions than those of class 3 (entranceways, commercial kitchens, hotels, show rooms).
PEI 5	above 12,000	Pavements subject to severe pedestrian traffic during extended periods (public areas, shopping centres, airports)

Notes: PEI 1 & 2 are not suitable for traffic with heavy boots. Floors should be adequately protected against abrasive dust at building entranceways, by placing shoe cleaning devices such as a doormat.
PEI 5 includes resistance to abrasion at 12,000 cycles with no signs of wear after abrasion.